

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/KR 2004/002722

<b>A. CLASSIFICATION OF SUBJECT MATTER</b> <b>IPC<sup>7</sup>: H01L 33/00, H01L 25/075</b> According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b> Minimum documentation searched (classification system followed by classification symbols) <b>IPC<sup>7</sup>: H01L</b>		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched ----		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) <b>Epodoc, WPI, PAJ</b>		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1160883 A2 (MATSUSHITA) 5 December 2001 (05.12.2001) <i>abstract, paragraphs 0010-0015, 0038-0042.</i> Y	1-5, 7, 8, 11, 15, 16-19 6, 9, 10, 12-14
Y	WO 2001/041215 A1 (PHILIPS) 7 June 2001 (07.06.2001) <i>page 3, line 17 - page 5, line 19, figures 1a-4.</i>	6, 9, 10, 12-14
A	US 20030227023 A1 (CHANG) 11 December 2003 (11.12.2003) <i>the whole document.</i>	1-19
<input type="checkbox"/> Further documents are listed in the continuation of Box C.		<input checked="" type="checkbox"/> See patent family annex.
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "B" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed		
Date of the actual completion of the international search 19 May 2005 (19.05.2005)		Date of mailing of the international search report 31 May 2005 (31.05.2005)
Name and mailing address of the ISA/ AT <b>Austrian Patent Office</b> Dresdner Straße 87, A-1200 Vienna Facsimile No. +43 / 1 / 534 24 / 535		Authorized officer <b>HARASEK S.</b> Telephone No. +43 / 1 / 534 24 / 574

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## Information on patent family members

International application No.  
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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP A2 1160883		2001-12-05	TW B 594828 JP A 2004080046 CN A 1326230 US A1 2002070681 JP A 2002057376	2004-06-21 2004-03-11 2001-12-12 2002-06-13 2002-02-22
US A 20030227 023			none	
WO A 20010412 15			none	

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